

## **RIC 1 – Interoperability During Transports**

- Other statewide systems:
  - Minnesota – 800 MHz
  - Nebraska – VHF
  - Missouri – VHF and 700 MHz
  - Illinois – 800 MHz
  - Wisconsin – VHF
- Iowa – 700 MHz statewide system (ISICS).
- There are likely current county-to-county agreements that may not cover all communications needs if more than two agencies are involved.
- Cannot expect all agencies to have multiband radios or having all channels/talk groups programmed in to subscriber units.
- Many agencies may not understand the use of the NIFOG.

### **Sample use cases:**

- Deputy/officer finds stranded motorist or unreported vehicle collision on roadway during transport.
  - Calling or hailing channel
    - ISICSB Designation?
    - Statewide
      - Blend of LEA or Statewide calling talk group
      - VLAW31 in some cases
  - Operation component of standardizing of who should be calling it in? Should they be calling it in? Recommendation of procedure or policy?
    - Making it a recommendation of procedure...
      - If you see this, here's what you can do to call it in.
    - Only officers? All PS personnel?
    - Location aspect of it...
      - How do we get around potentially not being aware of defined location? Would that be more appropriate with calling 911?
      - Re-evaluation of other tools in the vehicle for location like MACH and FirstNet.
  - Try to keep it streamlined and easy yet keep as many pathways to interoperability open as possible.
- Desired path of transport is obstructed due to closing or significant backup.
  - Could be achieved with broadband data and traffic/road updates.
  - Road closures could go on MACH.
  - If it is a non-static situation... intoxicated driver.
    - Warning others on road on transports.
    - This may have to come from dispatch who is monitoring interop channels and talk groups.
    - Broadcast it on calling channels/talk groups in all bands if possible.
- Medical emergency or accident during transport.
  - Need for this.
  - Blend of 911 and/or LMR depending on scenario.
  - Medical transport sometimes has need to seek out nearest hospital.
    - Blend of FirstNet/Broadband and LMR?

- EMS Medical channels? Is it still viable or does this get incorporated into ISICS in some way.
- During prisoner transport, medical issue... Just get to nearest hospital. Many routes are well-established, but it would be a challenge in an unfamiliar area.
  - Similar to medical transport that would have need to get to nearest hospital.
- Patient becomes unruly and/or violent with transport personnel during route.
  - Previous comms were using VLAW31.
  - If this is expected, they will have two personnel on transport.
  - Would be nice if Iowa could open up MACH so everyone could see everyone.
    - Bandwidth concern?
  - 911 in some cases... Predefined calling talk group. P25 standards with GPS transmission in emergency mode.
    - Specific talk group for arrivals and departures? Could this be accomplished with MACH, phone call or other specific application?
    - Arrivals and departures are primary communications contact points.
- Interaction with possible distracted, intoxicated or fatigued motorist or suspicious vehicle.
  - Warning others on road on transports.
  - This may have to come from dispatch who is monitoring interop channels and talk groups.
  - Broadcast it on calling channels/talk groups in all bands if possible.
- Escort of team or group of athletes from hotel to event venue, dignitary, fallen responder, other motorcade scenario.
  - Many of these are planned events and would utilize COMLs and COMTs.
  - How private do these conversations need to be?
    - Encrypted interoperable talk groups on the ISICS may help this if some aspect is unplanned.

**Simple check-in with dispatch during trip, upon arrival and departure.**

- Defined line between operability and interoperability.
- COML & COMT needed for planned events.